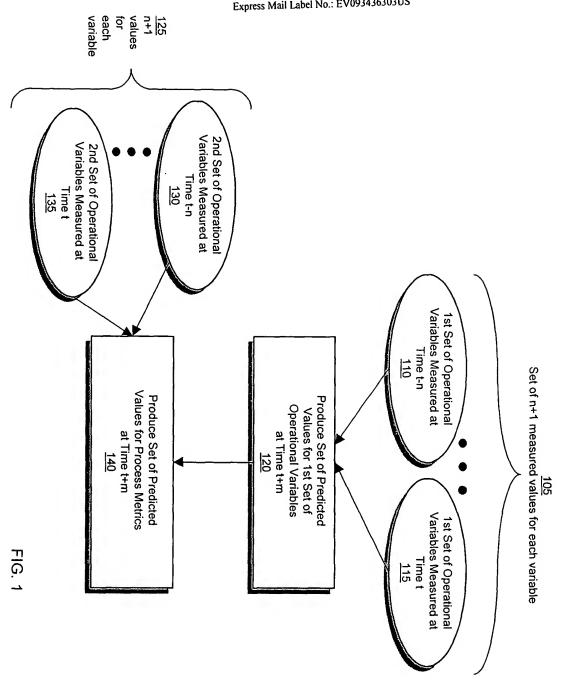
Title: Advance Failure Prediction
Inventors: Chan et al.
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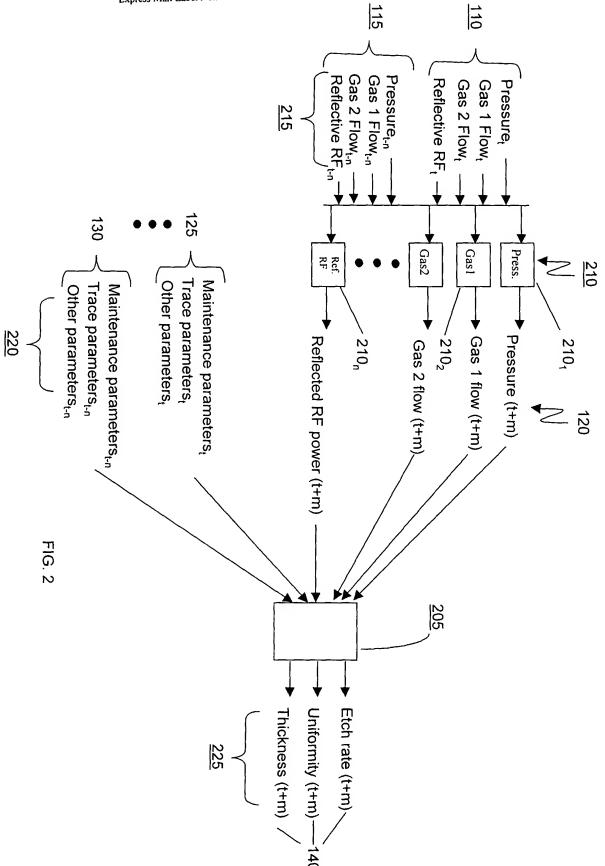


Title: Advance Failure Prediction Inventors: Chan et al.

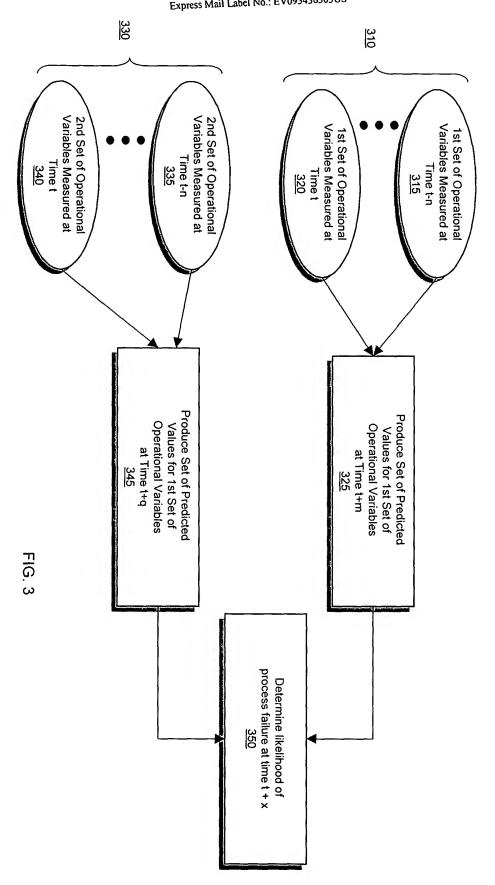
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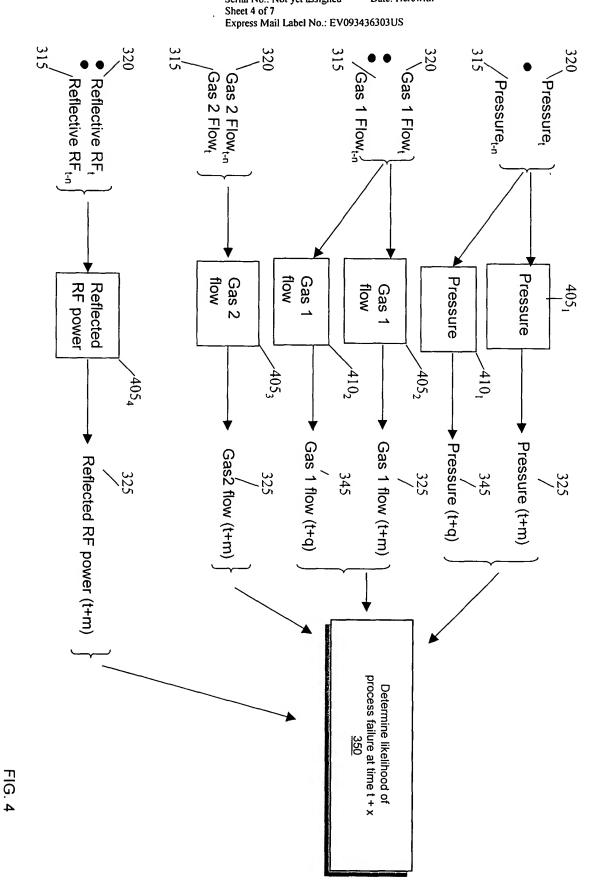
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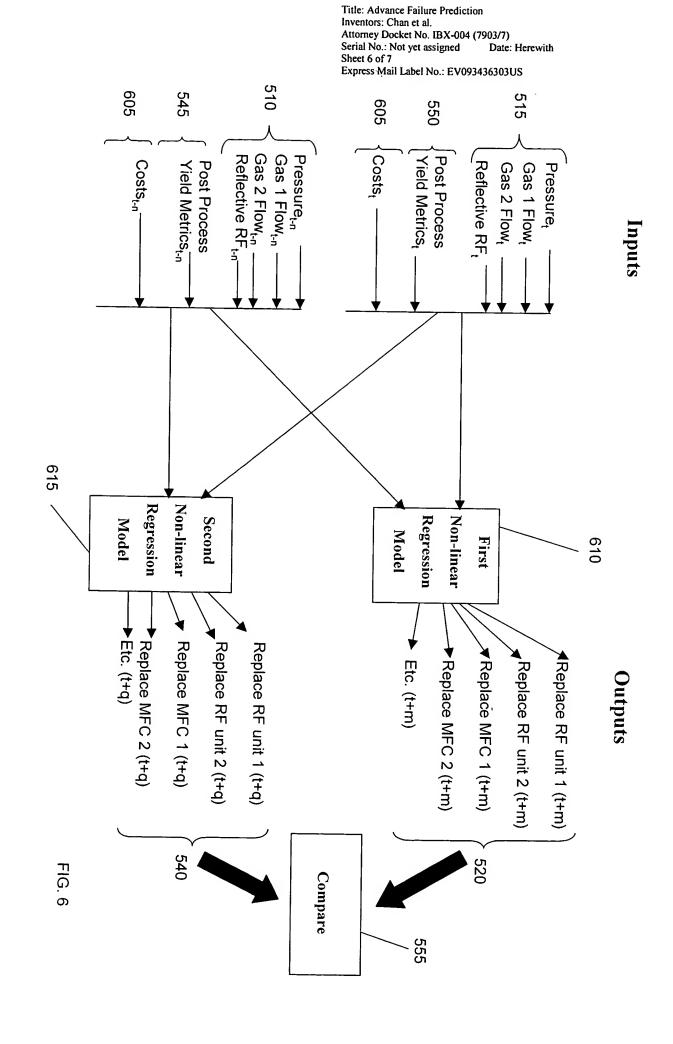
Title: Advance Failure Prediction
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Express Mail Label No.: EV093436303US 525 505 **Process Metrics Measured** 1st Set of Prior
Process Metrics Measured 1st Set of Operational Variables Measured at 1st Set of Operational Variables Measured at 1st Set of Prior at Time t-n <u>530</u> at Time t 535 Time t <u>515</u> Time t-n <u>510</u> Post-Process
Yield Metrics Measured
at time t-n
545 Maintenance Variable Values Maintenance Variable Values Produce Set of Process Produce Set of Process at Time t+q <u>540</u> at time t+m <u>520</u> Post-Process
Yield Metrics Measured
at time t
550 FIG. 5 Comparison <u>555</u> Determine Maintenance Activities <u>560</u>

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